

## EAST Search History

| Ref # | Hits | Search Query   | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------------|------------------|---------|------------------|
| L1    | 1    | ("6026587").PN.  | USPAT;<br>USOCR              | OR               | OFF     | 2006/10/19 15:28 |
| L2    | 1    | ("6287085").PN.  | USPAT;<br>USOCR              | OR               | OFF     | 2006/10/19 15:28 |
| S1    | 221  | (417/42).CCLS.   | USPAT;<br>USOCR              | OR               | OFF     | 2006/10/18 13:36 |
| S4    | 5    | S1 and slip  | USPAT                        | OR               | OFF     | 2006/10/02 10:21 |
| S5    | 15   | ("4145161"   "4330237"   "4335582"  <br>"4486148"   "4912932"   "4946350"  <br>"5211026"   "5362210"   "5419146"  <br>"5603227"   "5768901"   "5885062"  <br>"6042344").PN. OR ("6238188").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/10/02 10:33 |
| S6    | 4    | ((("4661751") or ("5214367") or<br>("5447163") or ("6390779"))).PN. or<br>(2003/0042861).CCLS.   | USPAT;<br>USOCR              | OR               | OFF     | 2006/10/13 14:48 |
| S7    | 377  | (417/18).CCLS.   | USPAT;<br>USOCR              | OR               | OFF     | 2006/10/04 11:02 |
| S8    | 125  | S7 and (speed or slip)   | USPAT                        | OR               | OFF     | 2006/10/04 11:18 |
| S9    | 17   | S7 and slip  | USPAT                        | OR               | OFF     | 2006/10/04 11:07 |
| S10   | 0    | S8 and (railroad or locomotive)  | USPAT                        | OR               | OFF     | 2006/10/04 11:07 |
| S11   | 1    | S7 and (railroad or locomotive)  | USPAT                        | OR               | OFF     | 2006/10/04 11:07 |
| S12   | 631  | locomotive and pump and control  | USPAT                        | OR               | OFF     | 2006/10/04 11:10 |
| S13   | 397  | locomotive and pump and control and<br>(speed or slip)   | USPAT                        | OR               | OFF     | 2006/10/04 11:11 |
| S14   | 113  | locomotive and pump and control and<br>(speed or slip) and railroad  | USPAT                        | OR               | OFF     | 2006/10/04 11:11 |
| S15   | 81   | locomotive and pump and control and<br>slip  | USPAT                        | OR               | OFF     | 2006/10/04 11:12 |
| S16   | 102  | locomotive and (pump or compressor)<br>and control and slip  | USPAT                        | OR               | OFF     | 2006/10/13 15:05 |
| S17   | 307  | (417/44.2).CCLS.   | USPAT;<br>USOCR              | OR               | OFF     | 2006/10/04 13:03 |
| S18   | 5    | ((("4661751") or ("5214367") or<br>("5447163") or ("6390779") or<br>("20030042861"))).PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/10/04 13:12 |
| S19   | 1371 | (318/434).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/10/04 13:13 |
| S20   | 1141 | (318/432).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/10/04 14:24 |
| S21   | 92   | lifson.in.   | USPAT                        | OR               | OFF     | 2006/10/04 14:24 |

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|     |      |  |                              |    |     |                  |
|-----|------|--|------------------------------|----|-----|------------------|
| S22 | 71   | lifson.in. and compressor  | USPAT                        | OR | OFF | 2006/10/04 14:24 |
| S23 | 15   | ("4145161"   "4330237"   "4335582"   "4486148"   "4912932"   "4946350"   "5211026"   "5362210"   "5419146"   "5603227"   "5768901"   "5885062"   "6042344").PN. OR ("6238188").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/10/04 14:27 |
| S24 | 699  | locomotive and (pump or compressor) and control and pressure   | USPAT                        | OR | OFF | 2006/10/04 15:03 |
| S25 | 264  | locomotive and railroad and (pump or compressor) and control and pressure  | USPAT                        | OR | OFF | 2006/10/04 15:04 |
| S26 | 132  | locomotive and railroad and brake and (pump or compressor) and control and pressure  | USPAT                        | OR | OFF | 2006/10/04 15:04 |
| S27 | 377  | (417/18).CCLS.   | USPAT;<br>USOCR              | OR | OFF | 2006/10/04 15:09 |
| S29 | 0    | 417/53.ccls. and compress\$2 and slip and pressure and unload\$3 and speed and control\$3 and (locomotive or railroad)   | USPAT                        | OR | OFF | 2006/10/04 15:31 |
| S30 | 2    | 417/53.ccls. and compress\$2 and pressure and unload\$3 and speed and control\$3 and (locomotive or railroad)  | USPAT                        | OR | OFF | 2006/10/04 15:32 |
| S31 | 46   | 417/53.ccls. and compress\$2 and pressure and unload\$3 and speed and control\$3   | USPAT                        | OR | OFF | 2006/10/04 16:28 |
| S32 | 97   | (locomotive or railroad) and alternator and compressor   | USPAT                        | OR | OFF | 2006/10/04 16:31 |
| S33 | 221  | (417/42).CCLS.   | USPAT;<br>USOCR              | OR | OFF | 2006/10/04 18:40 |
| S34 | 22   | S33 and (alternator or engine)   | USPAT                        | OR | OFF | 2006/10/04 18:41 |
| S35 | 143  | locomotive and (alternator or engine) and speed near sens\$3   | USPAT                        | OR | OFF | 2006/10/04 18:44 |
| S36 | 152  | locomotive and (alternator or engine) and (speed or velocity) near sens\$3   | USPAT                        | OR | OFF | 2006/10/05 11:39 |
| S37 | 80   | locomotive and alternator and (speed or velocity) near sens\$3   | USPAT                        | OR | OFF | 2006/10/05 11:39 |
| S38 | 17   | locomotive and alternator and (speed or velocity) near sens\$3 and compressor  | USPAT                        | OR | OFF | 2006/10/05 11:41 |
| S39 | 162  | (locomotive or railroad) near10 compressor   | USPAT                        | OR | OFF | 2006/10/05 11:42 |
| S40 | 4702 | engine adj speed adj sensor  | USPAT                        | OR | OFF | 2006/10/05 13:30 |
| S41 | 7    | (engine adj speed adj sensor) and locomotive   | USPAT                        | OR | OFF | 2006/10/05 13:30 |

## EAST Search History

|     |       |  |                    |    |     |                  |
|-----|-------|--|--------------------|----|-----|------------------|
| S42 | 617   | (engine adj speed adj sensor) and compressor                                       | USPAT              | OR | OFF | 2006/10/05 13:30 |
| S43 | 364   | (engine adj speed adj sensor) and compressor and motor                             | USPAT              | OR | OFF | 2006/10/05 13:30 |
| S44 | 12    | (engine adj speed adj sensor) and compressor and motor adj speed                   | USPAT              | OR | OFF | 2006/10/05 13:32 |
| S45 | 74    | (engine adj speed adj sensor) and compress\$3.ti.                                  | USPAT              | OR | OFF | 2006/10/05 13:35 |
| S46 | 3091  | (engine adj speed adj sensor) and (load or unload)                                 | USPAT              | OR | OFF | 2006/10/05 13:36 |
| S47 | 206   | (engine adj speed adj sensor) and (load or unload) and alternator                  | USPAT              | OR | OFF | 2006/10/05 13:38 |
| S48 | 485   | (engine adj speed adj sensor) and (load or unload) and compressor                  | USPAT              | OR | OFF | 2006/10/05 13:38 |
| S49 | 30    | (engine adj speed adj sensor) and (load or unload) and compressor.ti.              | USPAT              | OR | OFF | 2006/10/05 13:51 |
| S50 | 374   | (417/34).CCLS.   | USPAT;<br>USOCR    | OR | OFF | 2006/10/05 13:52 |
| S51 | 51    | S50 and compressor   | USPAT              | OR | OFF | 2006/10/05 13:52 |
| S52 | 5     | ((("4661751") or ("5214367") or ("5447163") or ("6390779") or ("20030042861")).PN. | US-PGPUB;<br>USPAT | OR | OFF | 2006/10/13 14:29 |
| S53 | 123   | Kliman.in.   | USPAT              | OR | OFF | 2006/10/13 14:30 |
| S54 | 4     | ((("4661751") or ("5214367") or ("5477163") or ("6390779") or ("20030042861")).PN. | USPAT;<br>USOCR    | OR | OFF | 2006/10/13 14:49 |
| S55 | 5     | ((("4661751") or ("5214367") or ("5477163") or ("6390779") or ("20030042861")).PN. | US-PGPUB;<br>USPAT | OR | OFF | 2006/10/13 14:49 |
| S56 | 1     | S55 and locomotive   | USPAT              | OR | OFF | 2006/10/13 14:50 |
| S57 | 30928 | (general adj electric).asnm.   | USPAT              | OR | OFF | 2006/10/13 14:50 |
| S58 | 405   | (general adj electric).asnm. and locomotive  | USPAT              | OR | OFF | 2006/10/13 14:50 |
| S59 | 405   | (general adj electric).asnm. and locomotive  | USPAT              | OR | OFF | 2006/10/13 14:56 |
| S60 | 61    | (general adj electric).asnm. and locomotive and compressor                         | USPAT              | OR | OFF | 2006/10/13 15:02 |
| S61 | 339   | (417/22).CCLS.   | USPAT;<br>USOCR    | OR | OFF | 2006/10/13 15:03 |
| S62 | 73    | locomotive and (pump or compressor) and control and (motor near speed)             | USPAT              | OR | OFF | 2006/10/13 15:06 |
| S63 | 127   | locomotive and (pump or compressor) and control and (motor near6 speed)            | USPAT              | OR | OFF | 2006/10/13 15:06 |
| S64 | 247   | locomotive and compressor and train  | USPAT              | OR | OFF | 2006/10/18 13:38 |

## EAST Search History

|     |       |  |                              |    |     |                  |
|-----|-------|--|------------------------------|----|-----|------------------|
| S65 | 1     | ("5106270").PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/10/18 13:38 |
| S66 | 23    | ("1927931"   "2150912"   "2186492"  <br>"2580341"   "4830580").PN. OR<br>("5106270").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/10/18 13:41 |
| S67 | 5     | S66 and locomotive   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/10/18 13:48 |
| S68 | 13273 | westinghouse.asnm.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/10/18 13:48 |
| S69 | 330   | westinghouse.asnm. and locomotive  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/10/18 13:48 |
| S70 | 69    | westinghouse.asnm. and locomotive<br>and compressor  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/10/18 13:48 |
| S71 | 1     | "6390779".pn.  | USPAT                        | OR | OFF | 2006/10/18 15:35 |